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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/976,472A

DATE: 06/05/2003

TIME: 11:17:52

Input Set : A:\2932-B Revised.txt

Output Set: N:\CRF4\06052003\I976472A.raw

3 <110> APPLICANT: SIMS, John E.
4 RENSHAW, Blair R.
6 <120> TITLE OF INVENTION: IL-1 ETA DNA AND POLYPEPTIDES
8 <130> FILE REFERENCE: 2932-B
10 <140> CURRENT APPLICATION NUMBER: 09/976,472A
11 <141> CURRENT FILING DATE: 2001-10-11
13 <150> PRIOR APPLICATION NUMBER: PCT/US00/14435
14 <151> PRIOR FILING DATE: 2000-05-25
16 <150> PRIOR APPLICATION NUMBER: 60/162,331
17 <151> PRIOR FILING DATE: 1999-10-29
19 <150> PRIOR APPLICATION NUMBER: 60/135,758
20 <151> PRIOR FILING DATE: 1999-05-25
22 <160> NUMBER OF SEQ ID NOS: 9
24 <170> SOFTWARE: PatentIn version 3.2
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 585
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapiens
32 <220> FEATURE:
33 <221> NAME/KEY: CDS
34 <222> LOCATION: (112)..(585)
36 <400> SEQUENCE: 1

ENTERED

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39	caccaccatc tgatctatct tgttcttttc acaaaaggct ctgaagacat c atg aac	117
40		Met Asn
41		1
43	cca caa cgg gag gca gca ccc aaa tcc tat gct att cgt gat tct cga	165
44	Pro Gln Arg Glu Ala Ala Pro Lys Ser Tyr Ala Ile Arg Asp Ser Arg	
45	5 10 15	
47	cag atg gtg tgg gtc ctg agt gga aat tct tta ata gca gct cct ctt	213
48	Gln Met Val Trp Val Leu Ser Gly Asn Ser Leu Ile Ala Ala Pro Leu	
49	20 25 30	
51	agc cgc agc att aag cct gtc act ctt cat tta ata gcc tgt aga gac	261
52	Ser Arg Ser Ile Lys Pro Val Thr Leu His Leu Ile Ala Cys Arg Asp	
53	35 40 45 50	
55	aca gaa ttc agt gac aag gaa aag ggt aat atg gtt tac ctg gga atc	309
56	Thr Glu Phe Ser Asp Lys Glu Lys Gly Asn Met Val Tyr Leu Gly Ile	
57	55 60 65	
59	aag gga aaa gat ctc tgt ctc ttc tgt gca gaa att cag ggc aag cct	357
60	Lys Gly Lys Asp Leu Cys Leu Phe Cys Ala Glu Ile Gln Gly Lys Pro	
61	70 75 80	
63	act ttg cag ctt aag gaa aaa aat atc atg gac ctg tat gtg gag aag	405
64	Thr Leu Gln Leu Lys Glu Lys Asn Ile Met Asp Leu Tyr Val Glu Lys	

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65	85	90	95	
67	aaa gca cag aag ccc ttt ctc ttt ttc cac aat aaa gaa ggc tcc act			453
68	Lys Ala Gln Lys Pro Phe Leu Phe Phe His Asn Lys Glu Gly Ser Thr			
69	100	105	110	
71	tct gtc ttt cag tca gtc tct tac cct ggc tgg ttc ata gcc acc tcc			501
72	Ser Val Phe Gln Ser Val Ser Tyr Pro Gly Trp Phe Ile Ala Thr Ser			
73	115	120	125	130
75	acc aca tca gga cag ccc atc ttt ctc acc aag gag aga ggc ata act			549
76	Thr Thr Ser Gly Gln Pro Ile Phe Leu Thr Lys Glu Arg Gly Ile Thr			
77	135	140	145	
79	aat aac act aac ttc tac tta gat tct gtg gaa taa			585
80	Asn Asn Thr Asn Phe Tyr Leu Asp Ser Val Glu			
81	150	155		
84	<210> SEQ ID NO: 2			
85	<211> LENGTH: 157			
86	<212> TYPE: PRT			
87	<213> ORGANISM: Homo sapiens			
89	<400> SEQUENCE: 2			
91	Met Asn Pro Gln Arg Glu Ala Ala Pro Lys Ser Tyr Ala Ile Arg Asp			
92	1	5	10	15
95	Ser Arg Gln Met Val Trp Val Leu Ser Gly Asn Ser Leu Ile Ala Ala			
96	20	25	30	
99	Pro Leu Ser Arg Ser Ile Lys Pro Val Thr Leu His Leu Ile Ala Cys			
100	35	40	45	
103	Arg Asp Thr Glu Phe Ser Asp Lys Glu Lys Gly Asn Met Val Tyr Leu			
104	50	55	60	
107	Gly Ile Lys Gly Lys Asp Leu Cys Leu Phe Cys Ala Glu Ile Gln Gly			
108	65	70	75	80
111	Lys Pro Thr Leu Gln Leu Lys Glu Lys Asn Ile Met Asp Leu Tyr Val			
112	85	90	95	
115	Glu Lys Lys Ala Gln Lys Pro Phe Leu Phe Phe His Asn Lys Glu Gly			
116	100	105	110	
119	Ser Thr Ser Val Phe Gln Ser Val Ser Tyr Pro Gly Trp Phe Ile Ala			
120	115	120	125	
123	Thr Ser Thr Ser Gly Gln Pro Ile Phe Leu Thr Lys Glu Arg Gly			
124	130	135	140	
127	Ile Thr Asn Asn Thr Asn Phe Tyr Leu Asp Ser Val Glu			
128	145	150	155	
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132	<211> LENGTH: 8			
133	<212> TYPE: PRT			
134	<213> ORGANISM: Artificial			
136	<220> FEATURE:			
137	<223> OTHER INFORMATION: FLAG			
139	<400> SEQUENCE: 3			
141	Asp Tyr Lys Asp Asp Asp Asp Lys			
142	1	5		
145	<210> SEQ ID NO: 4			
146	<211> LENGTH: 27			

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147 <212> TYPE: PRT
148 <213> ORGANISM: artificial sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: lung SPD leucine zipper peptide
153 <400> SEQUENCE: 4
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156 1 5 10 15
159 Val Gln His Leu Gln Ala Ala Phe Ser Gln Tyr
160 20 25
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164 <211> LENGTH: 33
165 <212> TYPE: PRT
166 <213> ORGANISM: artificial sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: leucine zipper
171 <400> SEQUENCE: 5
173 Arg Met Lys Gln Ile Glu Asp Lys Ile Glu Glu Ile Leu Ser Lys Ile
174 1 5 10 15
177 Tyr His Ile Glu Asn Glu Ile Ala Arg Ile Lys Lys Leu Ile Gly Glu
178 20 25 30
181 Arg
185 <210> SEQ ID NO: 6
186 <211> LENGTH: 30
187 <212> TYPE: DNA
188 <213> ORGANISM: Homo sapiens
190 <400> SEQUENCE: 6
191 acatcatgaa cccacaacgg gaggcagcac 30
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195 <211> LENGTH: 28
196 <212> TYPE: DNA
197 <213> ORGANISM: Homo sapiens
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203 <210> SEQ ID NO: 8
204 <211> LENGTH: 30
205 <212> TYPE: DNA
206 <213> ORGANISM: Homo sapiens
208 <400> SEQUENCE: 8
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213 <211> LENGTH: 29
214 <212> TYPE: DNA
215 <213> ORGANISM: Homo sapiens
217 <400> SEQUENCE: 9
218 ggattttatc cacagaatct aagtagaaag 29

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RAW SEQUENCE LISTING ERROR SUMMARY
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3

VERIFICATION SUMMARY

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